

PATENT

Adm. Div. No. SAR 1947B

Enter w/RCE
10/7/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED
CENTRAL FAX CENTER**

AUG 09 2004

OFFICIAL

In re Application of:
Tao, et al.

Serial No.: 09/615,971

Confirmation No.: 6542

Filed: July 14, 2000

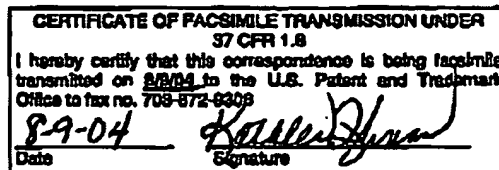
For: Method and Apparatus for Tracking Multiple Objects in a Video Sequence

1. **What is the purpose of the study?**
 2. **What are the research objectives?**
 3. **What is the research methodology?**
 4. **What are the results of the study?**
 5. **What are the conclusions of the study?**
 6. **What are the limitations of the study?**
 7. **What are the implications of the study?**
 8. **What are the future research directions?**
 9. **What are the contributions of the study?**
 10. **What are the key findings of the study?**
 11. **What are the main results of the study?**
 12. **What are the primary outcomes of the study?**
 13. **What are the secondary outcomes of the study?**
 14. **What are the tertiary outcomes of the study?**
 15. **What are the quaternary outcomes of the study?**
 16. **What are the quinary outcomes of the study?**
 17. **What are the senary outcomes of the study?**
 18. **What are the septenary outcomes of the study?**
 19. **What are the octenary outcomes of the study?**
 20. **What are the nonary outcomes of the study?**
 21. **What are the decenary outcomes of the study?**
 22. **What are the undecenary outcomes of the study?**
 23. **What are the duodecenary outcomes of the study?**
 24. **What are the tredecenary outcomes of the study?**
 25. **What are the quattuordecenary outcomes of the study?**
 26. **What are the quindecenary outcomes of the study?**
 27. **What are the sexdecenary outcomes of the study?**
 28. **What are the septendecenary outcomes of the study?**
 29. **What are the octodecenary outcomes of the study?**
 30. **What are the nonodecenary outcomes of the study?**
 31. **What are the vigintenary outcomes of the study?**
 32. **What are the unvigintenary outcomes of the study?**
 33. **What are the bivigintenary outcomes of the study?**
 34. **What are the trivigintenary outcomes of the study?**
 35. **What are the quadvigintenary outcomes of the study?**
 36. **What are the quinvigintenary outcomes of the study?**
 37. **What are the sexvigintenary outcomes of the study?**
 38. **What are the septenvigintenary outcomes of the study?**
 39. **What are the octovigintenary outcomes of the study?**
 40. **What are the nonavigintenary outcomes of the study?**
 41. **What are the vigintigintenary outcomes of the study?**
 42. **What are the unvigintigintenary outcomes of the study?**
 43. **What are the bivigintigintenary outcomes of the study?**
 44. **What are the trivigintigintenary outcomes of the study?**
 45. **What are the quadvigintigintenary outcomes of the study?**
 46. **What are the quinvigintigintenary outcomes of the study?**
 47. **What are the sexvigintigintenary outcomes of the study?**
 48. **What are the septenvigintigintenary outcomes of the study?**
 49. **What are the octovigintigintenary outcomes of the study?**
 50. **What are the nonavigintigintenary outcomes of the study?**
 51. **What are the vigintigintigintenary outcomes of the study?**
 52. **What are the unvigintigintigintenary outcomes of the study?**
 53. **What are the bivigintigintigintenary outcomes of the study?**
 54. **What are the trivigintigintigintenary outcomes of the study?**
 55. **What are the quadvigintigintigintenary outcomes of the study?**
 56. **What are the quinvigintigintigintenary outcomes of the study?**
 57. **What are the sexvigintigintigintenary outcomes of the study?**
 58. **What are the septenvigintigintigintenary outcomes of the study?**
 59. **What are the octovigintigintigintenary outcomes of the study?**
 60. **What are the nonavigintigintigintenary outcomes of the study?**
 61. **What are the vigintigintigintigintenary outcomes of the study?**
 62. **What are the unvigintigintigintigintenary outcomes of the study?**
 63. **What are the bivigintigintigintigintenary outcomes of the study?**
 64. **What are the trivigintigintigintigintenary outcomes of the study?**
 65. **What are the quadvigintigintigintigintenary outcomes of the study?**
 66. **What are the quinvigintigintigintigintenary outcomes of the study?**
 67. **What are the sexvigintigintigintigintenary outcomes of the study?**
 68. **What are the septenvigintigintigintigintenary outcomes of the study?**
 69. **What are the octovigintigintigintigintenary outcomes of the study?**
 70. **What are the nonavigintigintigintigintenary outcomes of the study?**
 71. **What are the vigintigintigintigintigintenary outcomes of the study?**
 72. **What are the unvigintigintigintigintigintenary outcomes of the study?**
 73. **What are the bivigintigintigintigintigintenary outcomes of the study?**
 74. **What are the trivigintigintigintigintigintenary outcomes of the study?**
 75. **What are the quadvigintigintigintigintigintenary outcomes of the study?**
 76. **What are the quinvigintigintigintigintigintenary outcomes of the study?**
 77. **What are the sexvigintigintigintigintigintenary outcomes of the study?**
 78. **What are the septenvigintigintigintigintigintenary outcomes of the study?**
 79. **What are the octovigintigintigintigintigintenary outcomes of the study?**
 80. **What are the nonavigintigintigintigintigintenary outcomes of the study?**
 81. **What are the vigintigintigintigintigintigintenary outcomes of the study?**
 82. **What are the unvigintigintigintigintigintigintenary outcomes of the study?**
 83. **What are the bivigintigintigintigintigintigintenary outcomes of the study?**
 84. **What are the trivigintigintigintigintigintigintenary outcomes of the study?**
 85. **What are the quadvigintigintigintigintigintigintenary outcomes of the study?**
 86. **What are the quinvigintigintigintigintigintigintenary outcomes of the study?**
 87. **What are the sexvigintigintigintigintigintigintenary outcomes of the study?**
 88. **What are the septenvigintigintigintigintigintigintenary outcomes of the study?**
 89. **What are the octovigintigintigintigintigintigintenary outcomes of the study?**
 90. **What are the nonavigintigintigintigintigintigintenary outcomes of the study?**
 91. **What are the vigintigintigintigintigintigintigintenary outcomes of the study?**
 92. **What are the unvigintigintigintigintigintigintigintenary outcomes of the study?**
 93. **What are the bivigintigintigintigintigintigintigintenary outcomes of the study?**
 94. **What are the trivigintigintigintigintigintigintigintenary outcomes of the study?**
 95. **What are the quadvigintigintigintigintigintigintigintenary outcomes of the study?**
 96. **What are the quinvigintigintigintigintigintigintigintenary outcomes of the study?**
 97. **What are the sexvigintigintigintigintigintigintigintenary outcomes of the study?**
 98. **What are the septenvigintigintigintigintigintigintigintenary outcomes of the study?**
 99. **What are the octovigintigintigintigintigintigintigintenary outcomes of the study?**
 100. **What are the nonavigintigintigintigintigintigintigintenary outcomes of the study?**

Group Art Unit: 2621

Examiner: Nakhjavan, S. K.

**MAIL STOP AF .
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**



Dear Sir:

RESPONSE TO FINAL OFFICE ACTION DATED JUNE 7, 2004

In response to the Final Office Action dated June 7, 2004, having a shortened statutory period for response set to expire on September 7, 2004 (3 month deadline), please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Not
inter
AmDT
5.1
-20-04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD
October 1 2004 Substitute for Form PTO-875

Application or Docket Number
101615971

CLAIMS AS FILED - PART I
(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	18 minus 20 =	*
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

SMALL ENTITY

RATE	FEE
	\$395
x 9 =	
x 44 =	
+ 150 =	
TOTAL	

OR

OTHER THAN SMALL ENTITY

RATE	FEE
	\$790
x 18 =	
x 88 =	
+ 300 =	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

RC 1017104
(Column 1)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	18 Minus 20	=	
Independent (37 CFR 1.16(b))	3 Minus 3	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

SMALL ENTITY

RATE	ADDITIONAL FEE
x 9 =	
x 44 =	
+ 150 =	
TOTAL ADD'L FEE	

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
x 18 =	
x 88 =	
+ 300 =	
TOTAL ADD'L FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	* Minus **	=	
Independent (37 CFR 1.16(b))	* Minus ***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
x 9 =	
x 44 =	
+ 150 =	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
x 18 =	
x 88 =	
+ 300 =	
TOTAL ADD'L FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	* Minus **	=	
Independent (37 CFR 1.16(b))	* Minus ***	=	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
x 9 =	
x 44 =	
+ 150 =	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
x 18 =	
x 88 =	
+ 300 =	
TOTAL ADD'L FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2